Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028905.D
Acq On : 12 Nov 2022 03:48
Operator : SY/MD
Sample : N5590-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Quant Time: Nov 14 00:23:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 12 03:43:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	298544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	277500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	134504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80944	4.447	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.000%			
7) Chloroethane-d5	1.565	69	77288	4.830	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.105	63	115301	3.476	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	3.889	46	164803	54.092	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.180%			
24) Chloroform-d	4.343	84	181785	4.865	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.031	65	85338	5.076	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.047	84	388576	4.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	6.066	67	114510	4.951	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.314	98	341858	4.585	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	7.622	79	31918	4.231	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.600%			
46) 2-Hexanone-d5	8.088	63	169187	52.543	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.080%			
56) 1,1,2,2-Tetrachloroeth...	10.211	84	79793	4.976	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	11.616	152	125860	5.230	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	15357	0.652	ug/L	83
13) Acetone	2.182	43	209887	107.093	ug/L	90
16) Methylene chloride	2.503	84	70545	3.019	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	31417	1.499	ug/L	96
19) 1,1-Dichloroethane	3.192	63	2323	0.068	ug/L #	91
22) cis-1,2-Dichloroethene	3.905	96	526186	24.692	ug/L	98
34) Trichloroethene	5.921	95	5322	0.245	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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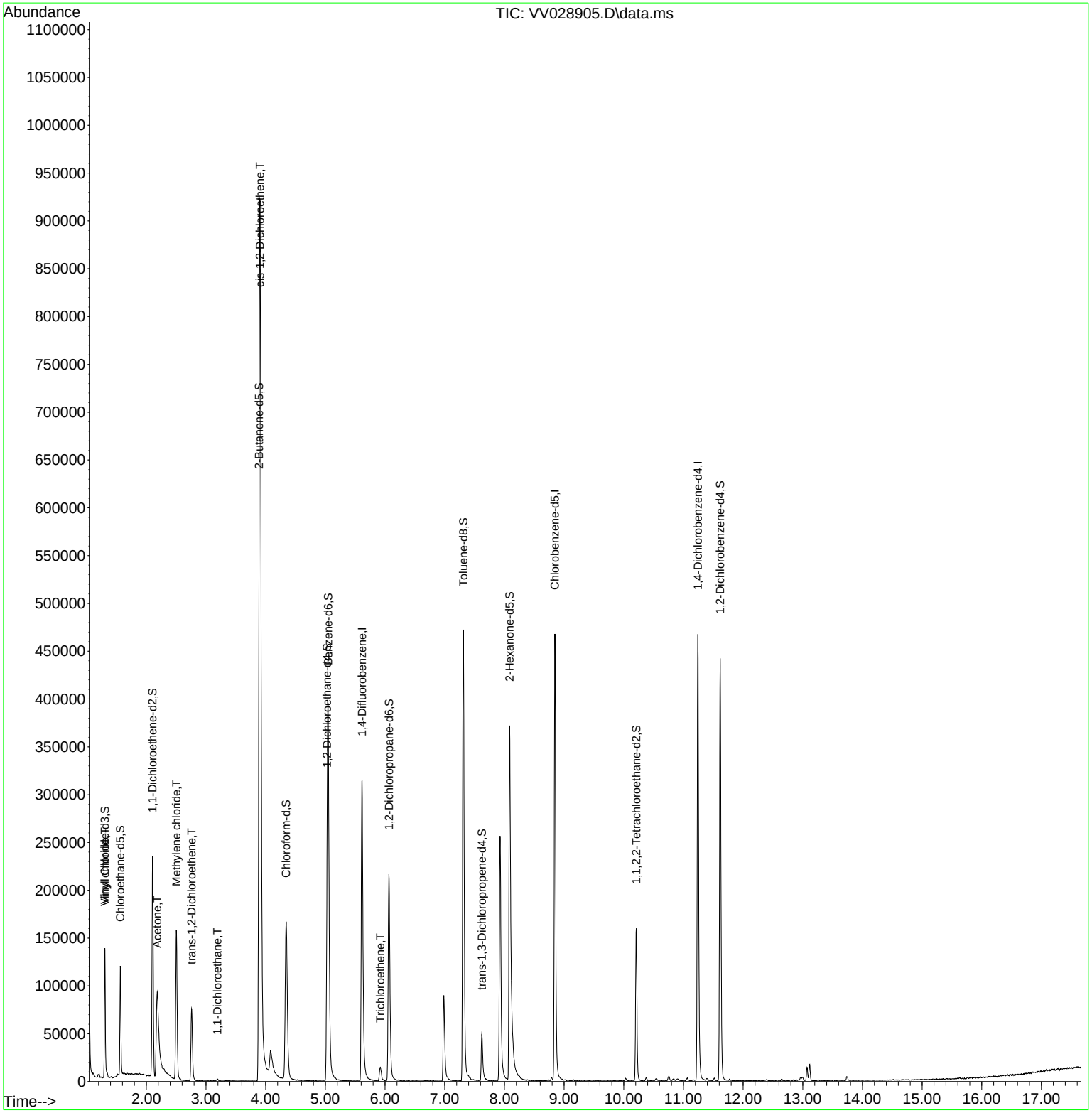
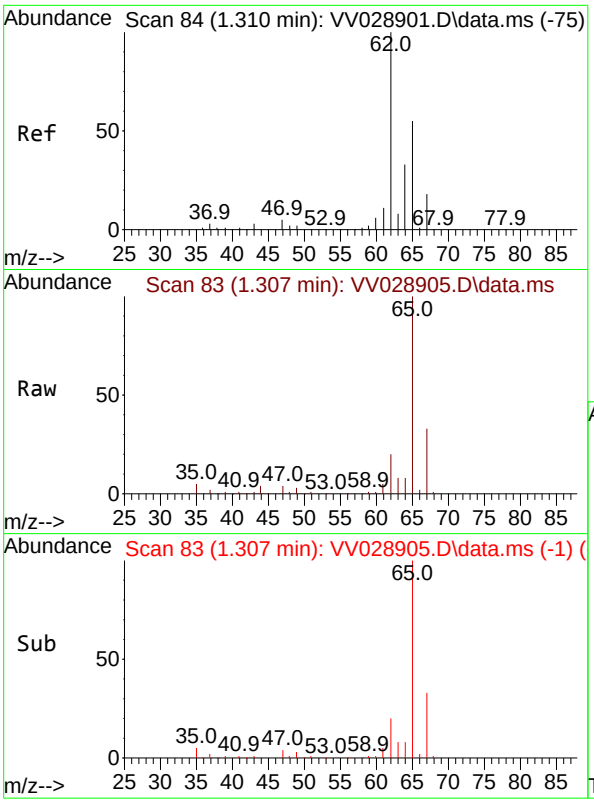


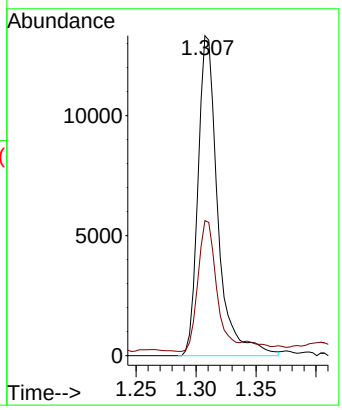


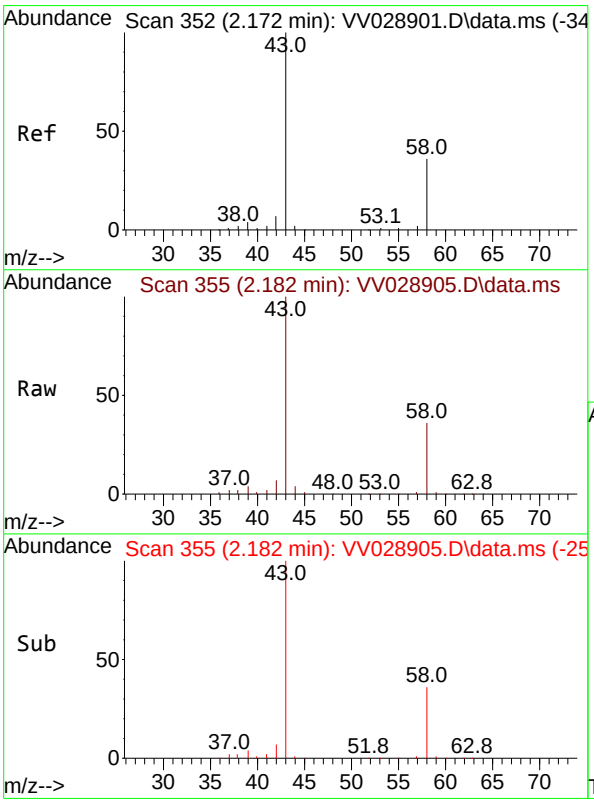
#5
Vinyl chloride
Concen: 0.652 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Tgt Ion: 62 Resp: 15357

Ion	Ratio	Lower	Upper
62	100		
64	42.2	22.8	42.4

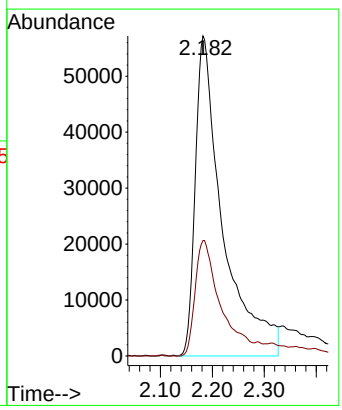


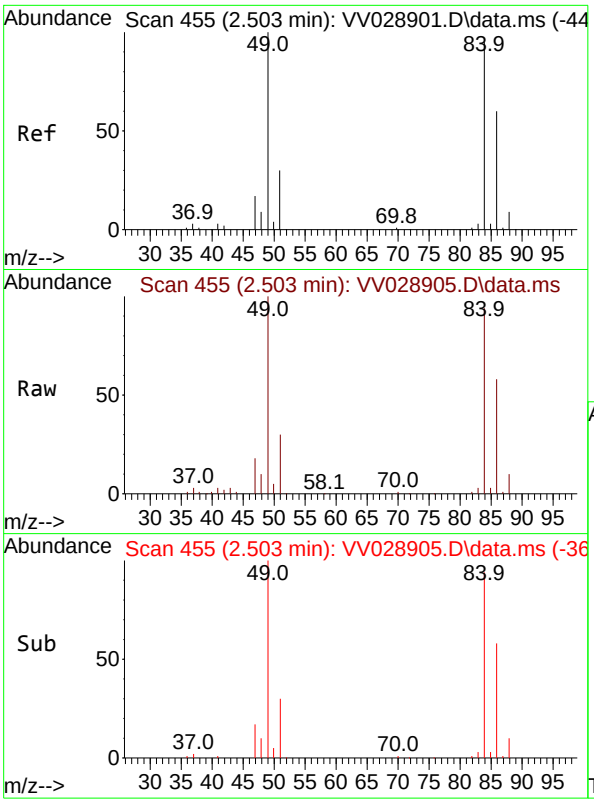


#13
Acetone
Concen: 107.093 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.010 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 43 Resp: 209887

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	56.6



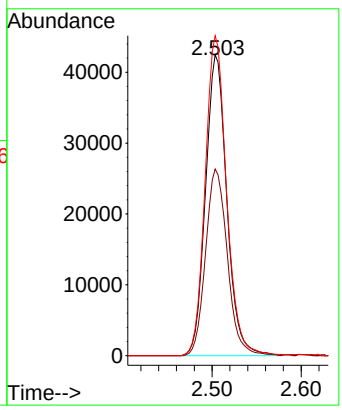


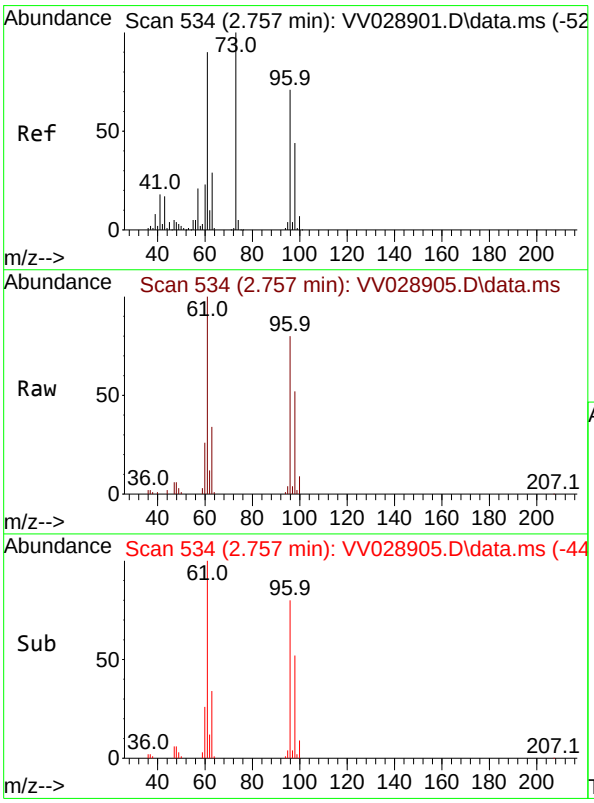
#16
Methylene chloride
Concen: 3.019 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Tgt Ion: 84 Resp: 70545

Ion	Ratio	Lower	Upper
84	100		
86	62.0	45.8	85.0
49	106.3	75.5	140.1

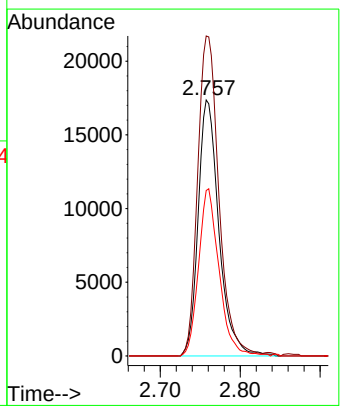


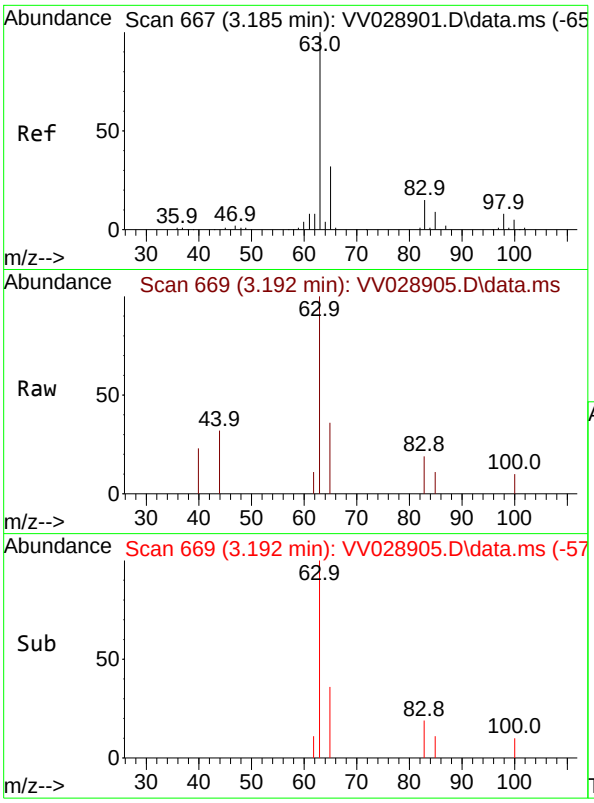


#18
trans-1,2-Dichloroethene
Concen: 1.499 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 96 Resp: 31417

Ion	Ratio	Lower	Upper
96	100		
61	125.0	91.8	170.6
98	64.6	46.4	86.2



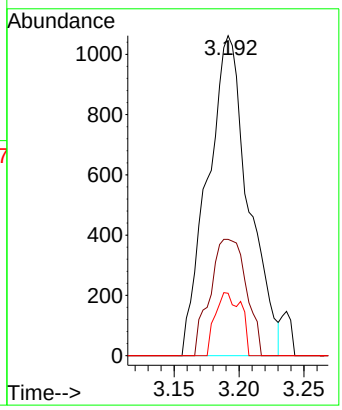


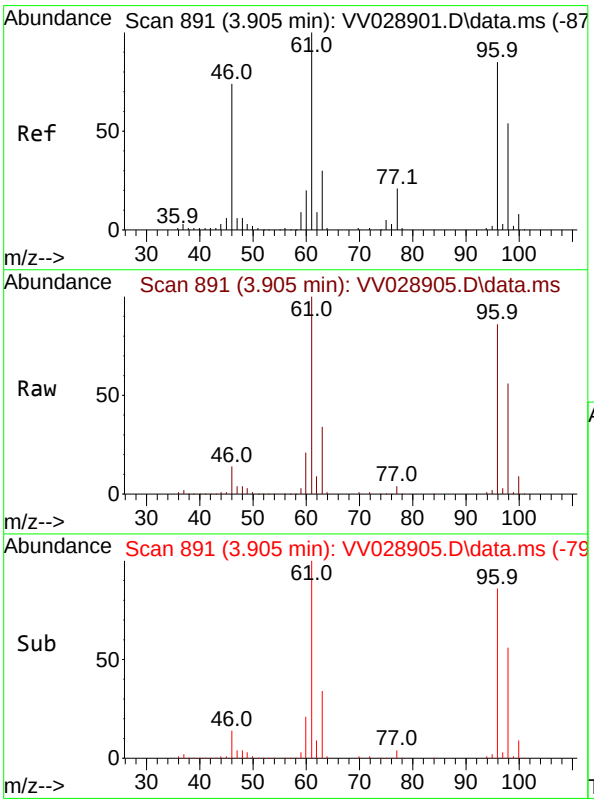
#19
1,1-Dichloroethane
Concen: 0.068 ug/L
RT: 3.192 min Scan# 6
Delta R.T. 0.007 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Tgt Ion: 63 Resp: 2323

Ion	Ratio	Lower	Upper
63	100		
65	36.3	23.0	42.6
83	19.5	9.4	17.6#

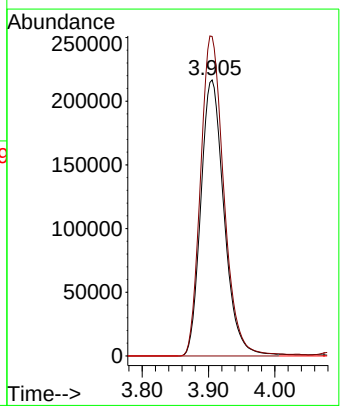


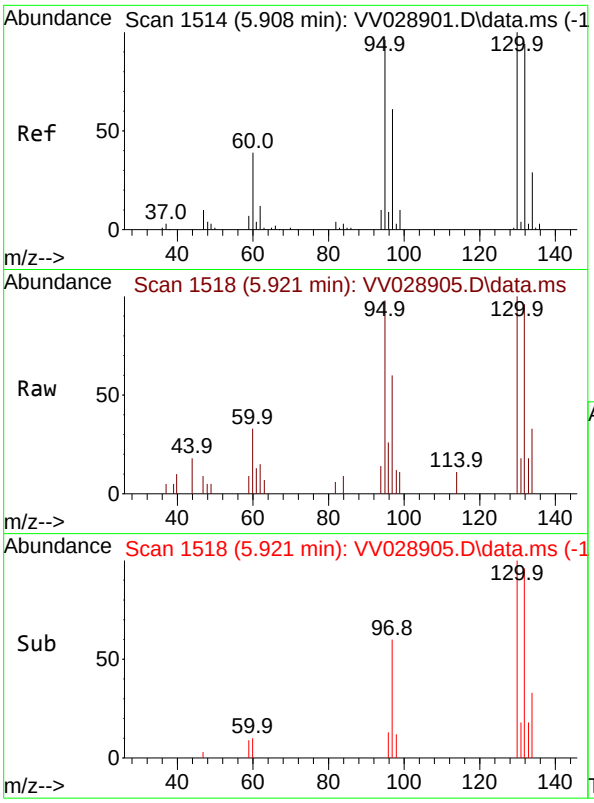


#22
cis-1,2-Dichloroethene
Concen: 24.692 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Tgt Ion: 96 Resp: 526186

Ion	Ratio	Lower	Upper
96	100		
61	115.7	82.3	152.9
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.245 ug/L
RT: 5.921 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028905.D
Acq: 12 Nov 2022 03:48

Instrument :
MSVOA_V
ClientSampleId :
GBMX5

Tgt Ion: 95 Resp: 5322

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.6	84.8
132	97.3	69.1	128.3
130	101.7	74.9	139.1